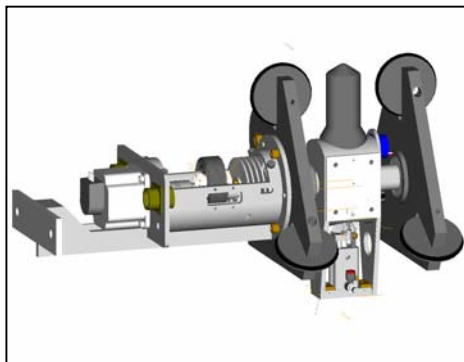**Project Name: Multicell Core Sensor**
Customer: AFRD-DARHT Project
Date: 5/30/2001-Present
Project team members:

Ken Chow kpchow@lbl.gov
Tim Loew tjloew@lbl.gov
Mark Scheeff mcscheeff@lbl.gov
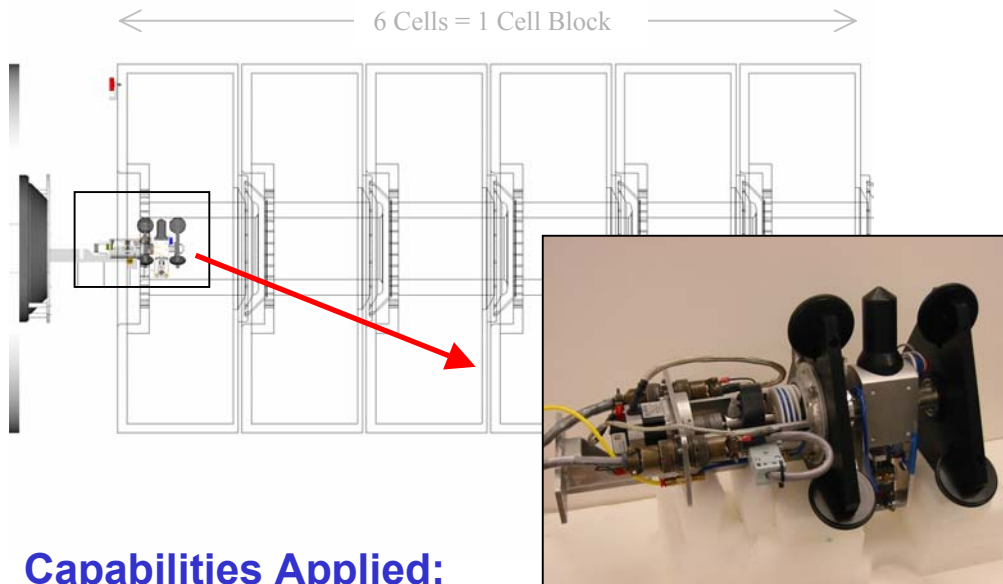Dave Uken duken@attbi.com

Project:

A single-cell core sensor was previously developed to measure the radial position of Metglas cores in the accelerator cells without requiring any cell disassembly. This project involved design and fabrication of a complete core sensor system that measures core position for all the cores within a block of 6 cells latched together.

Click here to go to project directory

DESIGNWORKS
BERKELEY LAB

6 Cells = 1 Cell Block

Capabilities Applied:

- Brainstorming
- System Architecting
- Error budget analysis
- Conceptual Design
- Solid Modeling
- Functional Prototyping
- Detail Design
- Data Acquisition
- Visual Basic Control
- GUI Design

Graphical User Interface (GUI)

Pro/E Model

File:
Project #
Storage Box #

TJL
5/30/02